

Central Complex 2



Project: Central Complex Renovation at CHC

Project Cost: \$13.4M

Square Feet: 20,830 sq. ft.

State Funding: \$9.5M

Delivery Method: Design Build

Architect: W.E. O'Neil/Perkins Eastman Architects

Project Status: Under Construction

Start of Construction: January 2024

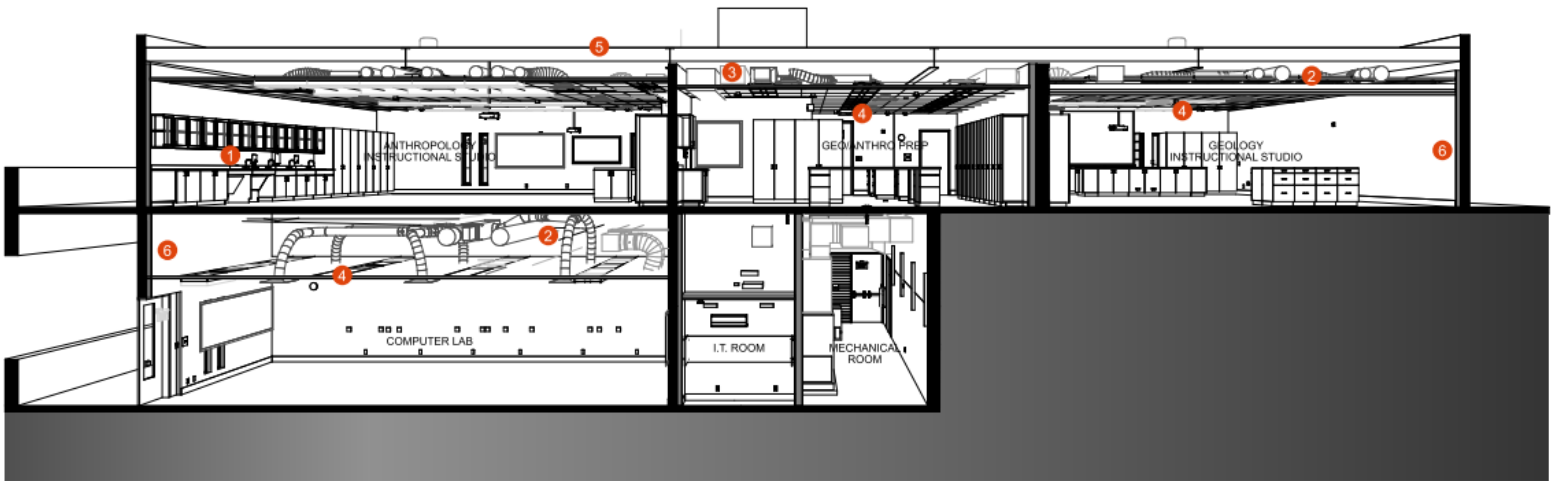
Project Completion: July 2024

Local Hire: 90%

Project Goals: Transform an outdated building into a cutting-edge science education facility through comprehensive renovation, creating modern lecture halls and flexible wet labs equipped with the latest technology to foster academic excellence.

Project Description

- This major renovation initiative will breathe new life into an aging 20,820 GSF building by converting it into a state-of-the-art science instructional center.
- The project scope includes constructing two new lecture halls with updated seating and integrated audio-visual/IT systems to provide an engaging modern learning environment. The second floor will undergo a complete overhaul to house new wet science laboratories outfitted with the latest equipment and amenities.
- Once complete, this ambitious renovation will offer innovative science facilities that inspire academic achievement.



Sustainability Features

- 1 HVAC equipment that utilizes the existing central plant for Chilled Water and Hot Water, with flow meters to measure the usage
- 2 Dual Supply Fans provided within the Air Handling Unit (AHU) each with a variable frequency drive (VFD) to reduce fan energy
- 3 Air Handling Unit with economizer capabilities
- 4 LED Lighting and Dimming controls
- 5 Roofing with insulation
- 6 New interior furred walls to help building perform better
- 7 Low-emitting materials complying with material health requirements

7 Material Health:



- Plastic laminate
- Acoustical ceiling tile
- Pain



- Solid Surface



- Plastic laminate
- Solid surface
- Acoustical ceiling tile
- LVT flooring
- Seat fabric



- Tile carpeting
- Seat fabric



- Plastic laminate
- Acoustical ceiling tile
- LVT flooring
- Tile carpeting



- Rubber base



- Plastic laminate
- Solid surface
- Acoustical ceiling tile
- LVT flooring
- Tile carpeting